

D HIS

(FILE 'USPAT' ENTERED AT 15:55:45 ON 26 AUG 93)

L1	16 S	COMPUSERVE
L2	0 S	L1 AND PIGGY-BACK
L3	590 S	PIGGY-BACK
L4	0 S	PRODIGY AND L3
L5	219191 S	TRANSMISSION
L6	96 S	L5 AND L3
L7	16 S	L6 AND PRIORITY
L8	1 S	L6 AND DATABASE
L9	15 S	L6 AND PACKET
L10	2 S	L6 AND DOWNLOAD

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D HIS

(FILE 'USPAT' ENTERED AT 14:27:40 ON 26 AUG 93)

L1 23693 S CAPTURE  
L2 8492 S PACKET  
L3 406 S L1 AND L2  
L4 35709 S ADDITIONAL(P)DATA  
L5 198 S L3 AND L4  
L6 590 S PIGGY-BACK  
L7 0 S L3 AND L6  
L8 25 S L1 AND L6  
L9 28 S L4 AND L6

=> D 1-15

1. 5,226,039, Jul. 6, 1993, Packet routing switch; Steven J. Frank, et al., 370/60, 85.14, 94.1 [IMAGE AVAILABLE] ✓
2. 5,182,299, Jan. 26, 1993, Treatment of osmotic disturbance with organic osmolytes; Steven R. Gullans, et al., 514/460, 53, 54, 59, 473, 870 [IMAGE AVAILABLE]
3. 5,156,047, Oct. 20, 1992, Water sensor that detects tanks or vessel leakage; John E. Tuma, et al., 73/304C, 304R; 340/620 [IMAGE AVAILABLE]
4. 5,123,089, Jun. 16, 1992, Apparatus and protocol for local area network; Michael S. Beilinski, et al., 395/200; 364/234, 234.3, 235, 235.7, 236.2, 237.2, 237.4, 237.7, 238.5, 239, 239.7, 240, 240.1, 240.8, 240.9, 241, 241.7, 241.9, 242.6, 242.7, 242.94, 242.95, 259, 259.4, 264, 264.2, 265, 265.1, 266.3, 270, 270.1, 284, 284.1, 284.2, 284.3, 284.4, DIG.1 [IMAGE AVAILABLE]
5. 5,062,034, Oct. 29, 1991, Device for emulating a microcontroller using a parent bond-out microcontroller and a derivative non-bond-out microcontroller; Jacobus M. Bakker, 395/500; 364/232.3, 232.8, 232.9, 237.2, 237.4, 238.4, 238.6, 238.9, 240, 241.9, 243, 243.3, 244, 244.6, 247, 247.1, 247.6, 247.8, 251, 251.3, 259, 259.9, 261.3, 261.5, 262.4, 264, 267, 267.4, 267.6 [IMAGE AVAILABLE] ✓
6. 5,057,835, Oct. 15, 1991, Map and text display system for vehicle navigation; Richard C. Factor, et al., 340/995, 990; 364/443, 449 [IMAGE AVAILABLE]
7. 4,967,142, Oct. 30, 1990, Electronic module comprising a first substrate element with a functional part, and a second substrate element for testing an interconnection function, socket, substrate element and electronic apparatus therefor; Wilhelm A. Sauerwald, et al., 324/73.1; 371/20.1 [IMAGE AVAILABLE]
8. 4,953,930, Sep. 4, 1990, CPU socket supporting socket-to-socket optical communications; Bernard Ramsey, et al., 359/118, 154; 385/147 [IMAGE AVAILABLE]
9. 4,896,154, Jan. 23, 1990, Map display system for vehicle navigation; Richard C. Factor, et al., 340/995, 990; 364/443, 449 [IMAGE AVAILABLE]
10. RE 32,776, Nov. 1, 1988, Piggy back row grabbing system; Richard Saylor, 358/142, 86, 147 [IMAGE AVAILABLE]
11. 4,660,416, Apr. 28, 1987, Motor operated valve analysis and testing

system with monitoring of spring pack movement through side by side monitoring device; Arthur G. Charbonneau, et al., 73/168, 862.193, 862.27, 862.31 [IMAGE AVAILABLE]

12. 4,646,300, Feb. 24, 1987, Communications method; William R. Goodman, et al., 371/33; 364/222.2, 222.3, 230.3, 230.4, 240.8, 240.9, 241.9, 244.6, 245.5, 245.6, 245.7, 249, 260, 260.3, 265, 265.1, 266.4, 266.6, 284, 284.1, 284.3, DIG.1; 395/200 [IMAGE AVAILABLE]

13. 4,590,468, May 20, 1986, Token access controller protocol and architecture; Mark Stieglitz, 340/825.5, 825.52; 364/222.2, 230, 230.3, 232.8, 235, 236.2, 238.3, 238.4, 238.5, 239, 239.7, 240.8, 241, 241.1, 241.8, 242.1, 242.3, 242.31, 242.5, 242.94, 242.95, 244, 244.6, 248.1, 262.4, 262.8, 265, 265.1, DIG.1; 370/85.4, 85.8; 395/325 [IMAGE AVAILABLE]

14. 4,583,194, Apr. 15, 1986, Fixed disk controller for use in a word processing system; Curtis Cage, 364/419, 926.9, 926.92, 931, 931.1, 937.01, 939, 939.6, 940, 940.1, 940.4, 942.03, 942.08, 942.8, 943.43, 943.9, 944.61, 952, 952.1, 952.31, 959, 965.76, 975.1, 976, DIG.2 [IMAGE AVAILABLE]

15. 4,429,217, Jan. 31, 1984, Verifying insertion system and apparatus; James E. Hill, et al., 235/380; 53/206; 235/449; 270/52 [IMAGE AVAILABLE]

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L2 8492 S PACKET  
L3 406 S L1 AND L2  
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L5 198 S L3 AND L4

=> D 1-25

1. 5,239,654, Aug. 24, 1993, Dual mode SIMD/MIMD processor providing reuse of MIMD instruction memories as data memories when operating in SIMD mode; Nicholas K. Ing-Simmons, et al., 395/800; 364/228.7, 229.4, 231.9, DIG.1 [IMAGE AVAILABLE]

2. 5,237,158, Aug. 17, 1993, Image-based document processing system providing for priority document shipment; Norman P. Kern, et al., 235/379; 364/408 [IMAGE AVAILABLE]

3. 5,235,680, Aug. 10, 1993, Apparatus and method for communicating textual and image information between a host computer and a remote display terminal; Leendert M. Bij nagte, 395/161; 358/102, 146; 364/514; 379/96, 100; 395/147 [IMAGE AVAILABLE]

4. 5,235,619, Aug. 10, 1993, Cable television radio frequency subscriber data transmission apparatus and RF return method; Robert J. Beyers, II, et al., 375/38, 40; 455/5.1 [IMAGE AVAILABLE]

5. 5,233,538, Aug. 3, 1993, Waveform capturing arrangement in a distributed power network; Lee D. Wallis, 364/483, 492 [IMAGE AVAILABLE]

6. 5,231,634, Jul. 27, 1993, Medium access protocol for wireless LANs; Rick R. Giles, et al., 370/95.1, 95.3 [IMAGE AVAILABLE]

7. 5,229,993, Jul. 20, 1993, Control of access through local carrier sensing for high data rate networks and control of access of synchronous messages through circulating reservation packets; Edwin Foudriat, et al., 370/85.3, 85.15, 85.5, 94.2 [IMAGE AVAILABLE]

8. 5,227,886, Jul. 13, 1993, Optical imaging/display CCD light valve and method; Uzi Efron, et al., 358/209; 250/331, 332; 358/230; 359/72, 84 [IMAGE AVAILABLE]

9. 5,226,125, Jul. 6, 1993, Switch matrix having integrated crosspoint logic and method of operation; Keith Balmer, et al., 395/325; 340/825.79; 395/200 [IMAGE AVAILABLE]

10. 5,225,902, Jul. 6, 1993, Automatic frequency selection in a bi-directional cable television system; Jay C. McMullan, Jr., 358/86; 455/5.1, 6.1, 59, 62, 67.1 [IMAGE AVAILABLE]

? 11. 5,221,830, Jun. 22, 1993, Method of ordering displayed document images in an image based document processing system; Norman P. Kern, 235/379, 470; 364/406 [IMAGE AVAILABLE] *auto  
re order?*

12. 5,218,680, Jun. 8, 1993, Data link controller with autonomous in tandem pipeline circuit elements relative to network channels for transferring multitasking data in cyclically recurrent time slots; Joseph K. Farrell, et al., 395/325; 364/231.8, 239.5, 241.9, 242.32, 260, 284.4,

DIG.1; 370/53, 77; 395/200 [IMAGE AVAILABLE]

13. 5,214,757, May 25, 1993, Interactive automated mapping system; Thad Mauney, et al., 395/161; 340/990, 995; 364/449; 395/160, 600 [IMAGE AVAILABLE] ✓

14. 5,214,645, May 25, 1993, TDM system and method having time slot request signaling; Hassan Hagirahim, 370/85.1, 94.1 [IMAGE AVAILABLE]

15. 5,210,836, May 11, 1993, Instruction generator architecture for a video signal processor controller; Jim Childers, et al., 395/375; 364/228, 228.3, 230.6, 237.2, 237.8, 247, 247.6, 262, 262.4, DIG.1; 382/46 [IMAGE AVAILABLE]

16. 5,210,749, May 11, 1993, Configuration of SRAMS as logical FIFOs for transmit and receive of packet data; Farzin Firoozmand, 370/85.1, 85.4, 85.6, 94.1 [IMAGE AVAILABLE]

17. 5,208,692, May 4, 1993, High bandwidth network based on wavelength division multiplexing; Donald H. McMahon, 359/128, 118 [IMAGE AVAILABLE]

18. 5,206,933, Apr. 27, 1993, Data link controller with channels selectively allocatable to hyper channels and hyper channel data funneled through reference logical channels; Joseph K. Farrell, et al., 395/200; 364/940, 942, DIG.2; 370/95.1; 395/325, 500 [IMAGE AVAILABLE]

19. 5,206,915, Apr. 27, 1993, Image-based document processing system providing lost image recovery; Norman P. Kern, et al., 382/7; 235/379, 470 [IMAGE AVAILABLE]

20. 5,206,857, Apr. 27, 1993, Apparatus and method for timing distribution over an asynchronous ring; Scott E. Farleigh, 370/85.5, 85.1, 85.15, 103; 375/109 [IMAGE AVAILABLE]

21. 5,199,106, Mar. 30, 1993, Input output interface controller connecting a synchronous bus to an asynchronous bus and methods for performing operations on the bus; Donall G. Bourke, et al., 395/275 [IMAGE AVAILABLE]

22. 5,196,939, Mar. 23, 1993, Method and apparatus for transferring images from an imaging array; Hamman Elabd, et al., 358/213.11, 213.27, 213.29 [IMAGE AVAILABLE]

23. 5,195,031, Mar. 16, 1993, Trading system for providing real time context sensitive trading messages based on conversation analysis; Christopher J. Ordish, 364/403, 408, DIG.2; 395/800 [IMAGE AVAILABLE] Im60

24. 5,185,736, Feb. 9, 1993, Synchronous optical transmission system; Raymond E. Tyrrell, et al., 370/55; 359/136; 370/13, 84 [IMAGE AVAILABLE]

25. 5,182,747, Jan. 26, 1993, Method for controlling the insertion of stations into FDDI network; James F. Frenzel, III, et al., 370/85.5; 340/825.05; 370/13, 85.15, 85.4 [IMAGE AVAILABLE]

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